

ODP 9-614  
18 APR 1979

MEMORANDUM FOR: Director of Communications  
Director of Central Reference  
Director of Security  
Director of Research and Development  
Chief, Information Management Staff, DDO

FROM : Bruce T. Johnson  
Director of Data Processing

SUBJECT : Bus Communications Oversight Committee

1. Purpose: This memorandum proposes the establishment of an Agency Bus Communications Oversight Committee. It is proposed that this Committee be comprised of representatives of the Office of Communications (OC), Office of Security (OS), Office of Central Reference (OCR), Office of Data Processing (ODP), and the Information Management Staff (IMS/DDO). The Committee will ensure that the project to install a Bus Communication System in the Headquarters Building remains responsive to the full set of Agency needs as well as the needs of the SAFE and [redacted] projects. Paragraph 6 requests your concurrence on this proposal.

2. Background: Early in the project planning stage for the Support for the Analysts' File Environment (SAFE) computer system development, a need was identified for a Wideband Bus Communications System (WBCS) within the Agency's Headquarters Building. This requirement was generated by: a) the large number of potential CIA SAFE users (more than [redacted]), b) the need to distribute page images from microfilm copies of intelligence documents, and c) the impracticality of wiring the SAFE terminal/workstations within the existing Headquarters Building's Communication Grid System. Consequently, a Wideband Bus Communications System capability was included as a CIA System requirement.

A 1976 Memorandum For The Record from the Director of Data Processing (copy attached), concurred in by the Director of Communications, documented the finding that SAFE was the driving requirement for an Agency Wideband Bus Communications System and that, as such, the SAFE Project would be responsible for the development of the Bus System through the initial operational stage. Once operational, the System would become

a facility of OC, to be operated by OC as a general purpose facility. In addition, that memorandum called for the establishment of an inter-Office committee to provide management oversight of the Bus Communications development effort.

Because of the low initial SAFE development level of effort and because of the decision to hold a SAFE design competition prior to the beginning of the final design effort, the oversight committee was not then established. Now, however, the SAFE Design Competition Phase is coming to a close. The winner of the competition will be awarded the prime contract for the design and development of the SAFE System in the Agency's Headquarters Building. Therefore, it is proposed that the oversight committee called for in the 1976 memorandum be established at this time.

3. Committee Objectives: The objectives of the Committee will be to:

- a. Ensure that all Agency needs are considered in the development of the Bus Communications System.
- b. Ensure that the development effort remains under management control of both using and technical organizations and meets senior management goals.
- c. Provide technical and planning support and guidance to the development effort as required.

4. Committee Composition: Committee chairmanship logically rests with the office responsible for system development. Since SAFE development is the responsibility of the Office of Data Processing, D/ODP will serve as chairman of the Committee. Other proposed members and the rationale for their membership are:

D/OC - Officer in charge of operation of the Bus Communications System following its development and for integration of the capability with the CIA communications functions.

D/OS - Officer with the primary responsibility for physical and technical security aspects of the System.

D/OCR - Representing the primary users of the SAFE System and, consequently, the officer responsible for funding the WBCS development.

D/ORD - Representing the initial R&D leading to the establishment of feasibility of the current effort.

C/IMS/DDO - Representing a potential major user of a Bus Communications System.

Membership is proposed at the Office Director level as it is anticipated that Committee meetings will consider funding and policy level issues. Therefore, Committee members should have authority to make commitments on behalf of the Office they represent.

5. Meetings: Meetings will normally consist of status briefings on the WBCS portion of the SAFE Project, given by a representative of the Consolidated SAFE Project Office (CSPO), ODP. These briefings will cover design and development plans, operational characteristics, problems and other topics of interest to the members. Policy decisions may be required of the membership at these briefings.

Meetings will be held bi-monthly beginning in June 1979. The meetings will be scheduled by CSPO, subject to the approval of the Committee.

6. Requested Action: Your concurrence is requested for: a) the formation of the Bus Communications Oversight Committee, and b) your participation on the Bus Communications Oversight Committee.

Upon concurrence in this proposal by all addressees, this memorandum will constitute the Charter of the Bus Communications Oversight Committee.

STATINTL

Bruce T. Johnson

Att: a/s

cc: D/CSPO

CONCUR:

Director of Communications

Date

2 May 79

STATINTL

STATINTL

Approved For Release 2001/07/13 : CIA-RDP84-00933R000300310008-9

ODP-1833-76  
17 SEP 1976

MEMORANDUM FOR: [REDACTED]

STATINTL

FROM : Clifford D. May, Jr.  
Director of Data Processing

SUBJECT : Bus Communications

REFERENCE : ODP-1579-76, dated 12 August 1976,  
Subject: Development of Bus Communications  
System

*Bill:*

1. The enclosed memorandum of understanding has been modified to reflect your 2 September memorandum (OCM-76-576). The initial staffing will be critical as this system is central to virtually all SAFE functions and must be defined very early in the development cycle and brought to initial operation before the rest of the system can be tested. We should agree on the personnel to be assigned and the starting date should be 4 October 1976 or as soon thereafter as is possible.

2. If you concur on this memorandum then I will distribute it as indicated.

[REDACTED] STATINTL

Clifford D. May, Jr.

Att. a/s

MEMORANDUM FOR THE RECORD

SUBJECT: Memorandum of Understanding concerning Bus Communications Development

BUS COMMUNICATIONS PLAN OUTLINE

The following outlines the rationale and plan for the Project SAFE involvement in the "BUS" Communications development:

STATINTL

1. The BUS concept of broad-band communication has been investigated by ORD for technical and practical feasibility in data communication for the Agency. Concurrently, the SAFE Project has been investigating Communications schemes for connecting a network system of over [redacted] terminals and multiple processors.
2. With the exception of SAFE, the currently projected data communications requirements of the Agency can be met by the currently installed metal grid for the next five years. This does not include the image distribution problem of SAFE/[redacted] which for STATINTL various reasons has not been projected as a concrete need.
3. Since SAFE is the driving requirement for a broad-band communications system which will handle both data and image transmissions, SAFE will be responsible for the development of such a system through the initial operational stage. At that time it will become a facility of the Office of Communications (OC) to be operated by OC as a general purpose communications facility.
4. The BUS Communications Project will be handled within the SAFE organization as follows:
  - a. The BUS Communications Branch will be established within the System Development Group of the SAFE Project.

- b. This Branch will be staffed primarily with OC personnel on assignment for the period of development, augmented by SAFE development personnel.
- c. The initial staff and slot will consist of a Branch Chief supplied by OC, and one professional from the SAFE development staff. The Branch Chief slot will be at the GS-14 level. Up to two additional OC engineers will be made available as the needs arise either on a part time or full time basis as found necessary by the Oversight Committee.
- d. A requirements document will be developed which encompasses the SAFE/[REDACTED] requirement. Other data communications requirements within the Agency which might take advantage of such a system will be gathered by OC and screened to the BUS Communications Branch as OC deems appropriate. STATINTL
- e. A management Oversight Committee will be formed consisting of the D/ODP, D/OC, and D/ORD. This committee will be briefed on the status of the project on a bimonthly basis beginning 1 December 1976. The objective is to insure that responsible management is aware of the status of the project and is able to influence its direction.
- f. At the point at which the system is fully operational, responsibility for its continued operation, maintenance and development will revert to OC along with the OC slots and personnel.
- g. ORD will continue the concurrent investigative effort with [REDACTED] until the SAFE Project is ready to phase into these activities. ORD will continue current document viewing contracts.
- h. The SAFE Project will supply the funds required for contracting on the actual design and development of the BUS Communications system. This does not apply to ORD's current [REDACTED] contract. STATINTL

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- i. Except as noted in e. above this effort will be reported as an integral part of the SAFE project.

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Clifford [redacted] May, Jr.

CONCUR:

STATINTL

UNCLASSIFIED INTERNAL  
USE ONLY CONFIDENTIAL SECRET

Approved For Release 2001/07/13 : CIA-RDP84-00933R000300840008-9

## ROUTING AND RECORD SHEET

Bus Communications

cc: DC  
SAFE

SUBJECT: (Optional)

Bus Communications Oversight Committee

FROM: D/ODP/DDA 2-D-00 HQS, x4Q11		EXTENSION	NO. ODP 9-614	
		DATE	19 APR 1979	
TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED	FORWARDED		
1. D/OC STATINTL 2B-07 [REDACTED]	2 MAY 1979	WMB	7-11 Although the opening paragraph omits ORD, I assume from the later text that we're on board! Phil	
2.				
3. D/OCR 2E-60, Hq.	3 MAY 1979	Z		
4.				
5. D/OS 4E-60, Hq.	14 MAY 1979	RWG		
6.				
7. D/ORD 606 Ames	17 May 79	DBE		
8.				
9. C/IMS/DDO 1D-4124, Hq.	17 MAY 1979	W		
10.				
11. D/ODP 2D-00, Hq.				
12.				
13.				
14.				
15.				